Divar - Archive Player





Security Systems

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BOSCH

Divar

Digital Versatile Recorder

Divar Archive Player

Operation manual

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Getting started

The Divar Archive Player allows you to view archived video recordings on a PC that have been archived from the Control Center application. It also provides you the opportunity to check the authenticity of the archived video.

System requirements

Operating platform:	A PC running Windows 98, Windows Millennium, Windows NT 4.0 (SP4), Windows 2000 or Windows XP.

For the Archive Player, the **minimum** PC requirements are:

- Processor: 450 MHz Pentium II (or equivalent)
- RAM memory: 64 MB*
- Free hard disk space: 10 MB
- Video system: 800x600 with 16-bit color.

* depends on operating system

Installation

When you archive a video, the Archive Player is automatically copied to the same directory as the archive file. Separate installation of the Archive Player is not necessary. If you copy your archive file to a CD or DVD afterwards, make sure that you also copy the ArchivePlayer.exe file as well.

When you use an external CD/DVD writer, the software required to play a video segment on a PC (the Archive Player) is copied to the disk when a local archive is made. To ensure that this software is present in the Divar, use the CD-ROM delivered with the external CD/DVD writer to load the latest version of the Archive Player into the Divar.

Starting the program

Double click the ArchivePlayer.exe file to start the program.

To open a video archive

When you start the program, a list of available archive files is displayed. (Archive files are identified by the **.dvr** extension used in their name.)



1. Select the archive file you wish to view.
   > If you cannot see the file you want to open, scroll down the list or choose the right location.
2. Click **Open**.

To exit the program, click **Exit**.

Introducing the main window

The main window is shown when you select an archive file. The left side of the window has three buttons that are always available.



Open button

To open an archive, click **Open** . The Open video window appears. Select a different archive file and click **OK** in the Open video window.

Help button

Click **Help**  at any time to get help. A pop-up help window appears.

Exit button

To stop using the Archive Player, click **Exit** .

Understanding the camera icons

Camera icons are shown in the top right of the screen.

The camera icons show the number of the camera connection. Only those included during archiving are available. The status and type of camera is indicated by the type of icon used.

 Camera selected (yellow).

 Camera not selected - Shows camera is available for selection.

 Camera not available.

Interpreting icon colors

- Disabled functions are shaded.
- Active selections are colored yellow.

Viewing images

Assigning cameos

A cameo is a single camera picture in a multiscreen display.

To assign a camera to a cameo:

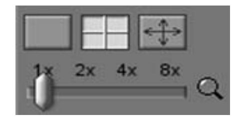
1. Click on a cameo.
   > The selected cameo has a yellow border.
2. Click on a numbered camera icon.
   > The selected camera icon is yellow.

To undo a cameo assignment:

1. Click on a cameo.
   > The icon of the camera assigned to this cameo is selected.
2. Click the selected camera icon.
   > The cameo is blank when the camera assignment is removed.

Camera views

To switch the display mode:



1. Click one of camera view icons to change the cameo display configuration.
   > Single, Quad and full screen display modes are available.
2. To change the zoom factor, drag the zoom slider.

When zoom is selected, left click on the cameo to zoom in; right click to zoom out. Click, hold and drag in the cameo to move the image around.

ATM/POS transactions

To view ATM/POS transactions archived with a Divar 2 connected to a ATM/POS bridge:

1. Click the transaction icon .
   > The transacton viewer window opens.
   > The data associated with the selected camera is displayed.

Using the playback controls

Play



Click **Play** to play forward recorded video in the playback window.

> The playback speed depends on the setting of the speed slider.
> Some frames may be dropped depending on the PC speed and the playback speed.

Play Reverse

Click **Play Rev** to play recorded video in reverse in the playback window.

> The playback speed depends on the setting of the speed slider.
> Some frames may be dropped depending on the PC speed and the playback speed.

Playback Speed

The slider controls the speed of the continuous reverse and continuous forward play. The **All** value means that no images are dropped at the fastest rate provided by the system.

Still

Click **Still** to pause playback.

> The last image is shown as a still in the playback window.

Step forward

The step function is only enabled in the still mode.

1. Click **Step** forward to advance the image one frame.
2. Hold it down to continue stepping at a maximum rate of 3 images per second.

Step backward

The step function is only enabled in the still mode.

1. Click **Step** backward to move the image one frame back in time.
2. Hold it down to continue stepping at a maximum rate of 3 images per second.

Capturing a still image

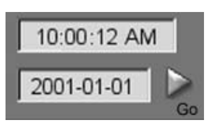
You can capture still images from the fullscreen display of a camera and save them to the PC hard disk in a bitmap format.

To save an image from the active cameo to the PC hard disk:

1. Click the single icon to view the images from one camera.
2. Click **Still** to freeze the image.
3. Click **Capture** .
   > The Snapshot pop-up window appears.
4. To change the default location, browse to the location in the PC file system where you want to store the image file.
5. To change the file name, type a new name for the file.
6. Click **Save**.

The snapshot has a resolution of 720x484 pixels in NTSC and 720x576 pixels in PAL. Authentication information is shown under the image.

Finding an image



1. Fill in a time and date.
2. Click **Go**
   > A single still image is shown of the first camera at the specified time and date.

Checking authenticity

1. Click **Check** to verify the authenticity of the archive.
   > A progress bar can be displayed if the check takes some time.
   > An information window indicates the authenticity of the archive.

Verifying individual frames

For authenticity verification of individual frames, pause playback and then click the information icon in a cameo. This opens the Authenticity information window. This window shows details of the video frame shown in the cameo when it was clicked.

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